



ESSENTIAL VOCABULARY	
value	Recognise the value of different denominations of coins to 20p.
Cuisenaire rods	Rectangular rods of different colours. Each colour represents a different length. There are 10 colours. These will be used to match to the value of a coin. If a number rod doesn't have a coin that matches the value the children will need to use several coins to make the value.

Stem Sentences

Finding Combinations of Coins for Different Values Speaking Frame

The ... rod represents □p.

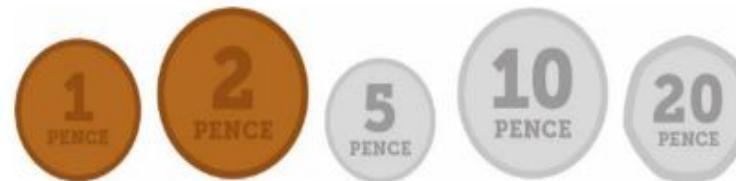
To make □p, you can combine a □p coin, □p coin ...

So

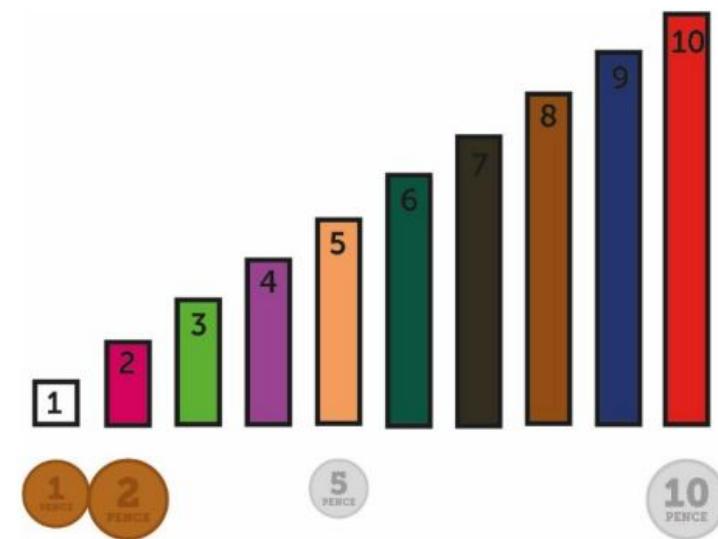
□p is equal to □p and □p ...

□p = □p + □p + ...

Show pupils 1p, 2p, 5p, 10p and 20p coins.



Ask pupils to compare the coins and classify them. This could be by colour, shape, size etc.



How could we equal the value of the rods that are not matched to a coin?

Maths mastery - Can you use what you know to solve the problems...

Use two bags with a selection of 1p, 2p, 5p and/or 10p coins. Ensure one bag has fewer coins but a higher total value and the other with more coins has a lower value. For example:

Feel inside the two bags without looking at the coins and predict which one has the highest value. Then total the value of the coins. Ensure pupils notice that even though there are less coins in the red bag, the coins total a higher value.

